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PCT09

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/914,277

DATE: 04/25/2002
TIME: 11:57:54

Input Set : A:\chopp.ST25.txt
Output Set: N:\CRF3\04252002\I914277.raw

3 <110> APPLICANT: Chopp, Michael
4 Wang, Lei
5 Mikkelsen, Tom
6 Dou, Dexian
8 <120> TITLE OF INVENTION: AN ANTI-ANGIOGENIC KRINGLE PROTEIN AND ITS MUTANTS
10 <130> FILE REFERENCE: 1059.00051
12 <140> CURRENT APPLICATION NUMBER: 09/914,277
13 <141> CURRENT FILING DATE: 2001-08-27
15 <150> PRIOR APPLICATION NUMBER: 60/166,176
16 <151> PRIOR FILING DATE: 1999-11-18
18 <150> PRIOR APPLICATION NUMBER: 60/121,341
19 <151> PRIOR FILING DATE: 1999-02-24
21 <150> PRIOR APPLICATION NUMBER: 60/121,633
22 <151> PRIOR FILING DATE: 1999-02-25
24 <160> NUMBER OF SEQ ID NOS: 72
26 <170> SOFTWARE: PatentIn version 3.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 33
30 <212> TYPE: DNA
31 <213> ORGANISM: homo sapien
33 <400> SEQUENCE: 1
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37 <210> SEQ ID NO: 2
38 <211> LENGTH: 30
39 <212> TYPE: DNA
40 <213> ORGANISM: homo sapien
42 <400> SEQUENCE: 2
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46 <210> SEQ ID NO: 3
47 <211> LENGTH: 30
48 <212> TYPE: DNA
49 <213> ORGANISM: homo sapien
51 <400> SEQUENCE: 3
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55 <210> SEQ ID NO: 4
56 <211> LENGTH: 33
57 <212> TYPE: DNA
58 <213> ORGANISM: homo sapien
60 <400> SEQUENCE: 4
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64 <210> SEQ ID NO: 5
65 <211> LENGTH: 34
66 <212> TYPE: DNA

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Input Set : A:\chopp.ST25.txt
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67 <213> ORGANISM: homo sapien
69 <400> SEQUENCE: 5
70 ggaattccat atggaagaag actgtatgtt tggg 34
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 34
75 <212> TYPE: DNA
76 <213> ORGANISM: homo sapien
78 <400> SEQUENCE: 6
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82 <210> SEQ ID NO: 7
83 <211> LENGTH: 34
84 <212> TYPE: DNA
85 <213> ORGANISM: homo sapien
87 <400> SEQUENCE: 7
88 ggaattccat atgcacacgcc accgcgactt ccag 34
91 <210> SEQ ID NO: 8
92 <211> LENGTH: 33
93 <212> TYPE: DNA
94 <213> ORGANISM: homo sapien
96 <400> SEQUENCE: 8
97 cgggatccc tactggagg cagtcatgaa gct 33
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 34
102 <212> TYPE: DNA
103 <213> ORGANISM: homo sapien
105 <400> SEQUENCE: 9
106 ggaattccat atgcacacgcc accgcgactt ccag 34
109 <210> SEQ ID NO: 10
110 <211> LENGTH: 33
111 <212> TYPE: DNA
112 <213> ORGANISM: homo sapien
114 <400> SEQUENCE: 10
115 cgggatccc tactggagg cagtcatgaa gct 33
118 <210> SEQ ID NO: 11
119 <211> LENGTH: 31
120 <212> TYPE: DNA
121 <213> ORGANISM: homo sapien
123 <400> SEQUENCE: 11
124 ggaattccat aacagtgact gctactttgg g 31
127 <210> SEQ ID NO: 12
128 <211> LENGTH: 34
129 <212> TYPE: DNA
130 <213> ORGANISM: homo sapien
132 <400> SEQUENCE: 12
133 ggaattccat atgggtggag caggaggca catc 34
136 <210> SEQ ID NO: 13
137 <211> LENGTH: 33
138 <212> TYPE: DNA
139 <213> ORGANISM: homo sapien

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141 <220> FEATURE:
 W--> 142 <221> NAME/KEY: n
 143 <222> LOCATION: (1)..(33)
 144 <223> OTHER INFORMATION: n is an NdeI restriction enzyme cut
 147 <400> SEQUENCE: 13

W--> 148 ggaaatccat agataccagg gccacgtgct acg 33
 151 <210> SEQ ID NO: 14
 152 <211> LENGTH: 28
 153 <212> TYPE: DNA
 154 <213> ORGANISM: homo sapien

156 <220> FEATURE:
 W--> 157 <221> NAME/KEY: n
 158 <222> LOCATION: (1)..(28)

159 <223> OTHER INFORMATION: n is a BamHI restriction enzyme cut
 162 <400> SEQUENCE: 14

W--> 163 ccgnnttagtt tccttcagag caggcagg 28
 166 <210> SEQ ID NO: 15
 167 <211> LENGTH: 29
 168 <212> TYPE: DNA
 169 <213> ORGANISM: homo sapien

171 <220> FEATURE:
 W--> 172 <221> NAME/KEY: n
 173 <222> LOCATION: (1)..(29)

174 <223> OTHER INFORMATION: n is an NdeI restriction enzyme cut
 177 <400> SEQUENCE: 15

W--> 178 ggaaatccnaa cagtgcgtc tactttggg 29
 181 <210> SEQ ID NO: 16
 182 <211> LENGTH: 28
 183 <212> TYPE: DNA
 184 <213> ORGANISM: homo sapien

186 <220> FEATURE:
 W--> 187 <221> NAME/KEY: n
 188 <222> LOCATION: (1)..(28)

189 <223> OTHER INFORMATION: n is a BamHI restriction enzyme cut
 192 <400> SEQUENCE: 16

W--> 193 ccgnnttaggt ggacgcaggag ggcacate 28
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 197 <211> LENGTH: 33
 198 <212> TYPE: DNA
 199 <213> ORGANISM: homo sapien

201 <220> FEATURE:
 W--> 202 <221> NAME/KEY: n
 203 <222> LOCATION: (1)..(33)

204 <223> OTHER INFORMATION: n is an NdeI restriction enzyme cut
 207 <400> SEQUENCE: 17

W--> 208 ggaaatccat agataccagg gccacgtgct acg 33
 211 <210> SEQ ID NO: 18
 212 <211> LENGTH: 28
 213 <212> TYPE: DNA

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Input Set : A:\chopp.ST25.txt
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214 <213> ORGANISM: homo sapien
 216 <220> FEATURE:
 W--> 217 <211> NAME/KEY: n
 218 <222> LOCATION: (1)..(28)
 219 <223> OTHER INFORMATION: n is a BamHI restriction enzyme cut
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 227 <211> LENGTH: 32
 228 <212> TYPE: DNA
 229 <213> ORGANISM: homo sapien
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 236 <211> LENGTH: 32
 237 <212> TYPE: DNA
 238 <213> ORGANISM: homo sapien
 240 <400> SEQUENCE: 20 32
 241 gccacggtag gctttccat tcccaaagt gc
 244 <210> SEQ ID NO: 21
 245 <211> LENGTH: 32
 246 <212> TYPE: DNA
 247 <213> ORGANISM: homo sapien
 249 <400> SEQUENCE: 21 32
 250 cctgtatggc aaggttcaca gcacagaacc cc
 253 <210> SEQ ID NO: 22
 254 <211> LENGTH: 34
 255 <212> TYPE: DNA
 256 <213> ORGANISM: homo sapien
 258 <400> SEQUENCE: 22 34
 259 ggggttctgt gctgtaaaa ccttgccat cagg
 262 <210> SEQ ID NO: 23
 263 <211> LENGTH: 32
 264 <212> TYPE: DNA
 265 <213> ORGANISM: homo sapien
 267 <400> SEQUENCE: 23 32
 268 gtttacacag cacagacccc cagtgccca g
 271 <210> SEQ ID NO: 24
 272 <211> LENGTH: 32
 273 <212> TYPE: DNA
 274 <213> ORGANISM: homo sapien
 276 <400> SEQUENCE: 24 32
 277 gcctggcac tgggggtctg tgctgtgtaa ac
 280 <210> SEQ ID NO: 25
 281 <211> LENGTH: 32
 282 <212> TYPE: DNA
 283 <213> ORGANISM: homo sapien
 285 <400> SEQUENCE: 25 32
 286 gtccccaggc actggaaact ggcaaacata at

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Input Set : A:\chopp.ST25.txt
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289 <210> SEQ ID NO: 26
 290 <211> LENGTH: 32
 291 <212> TYPE: DNA
 292 <213> ORGANISM: homo sapien
 294 <400> SEQUENCE: 26
 295 attatgttg cccagttcca gtgcctggc ac 32
 298 <210> SEQ ID NO: 27
 299 <211> LENGTH: 34
 300 <212> TYPE: DNA
 301 <213> ORGANISM: homo sapien
 303 <400> SEQUENCE: 27
 304 cctgtatggg atgcccgtgg cccctggtc cacg 34
 307 <210> SEQ ID NO: 28
 308 <211> LENGTH: 34
 309 <212> TYPE: DNA
 310 <213> ORGANISM: homo sapien
 312 <400> SEQUENCE: 28
 313 cgtggcacca gggccacccg gcatcccat cagg 34
 316 <210> SEQ ID NO: 29
 317 <211> LENGTH: 33
 318 <212> TYPE: DNA
 319 <213> ORGANISM: homo sapien
 321 <400> SEQUENCE: 29
 322 gccaaggccct ggtgtatgt gctagaagaac cgc 33
 325 <210> SEQ ID NO: 30
 326 <211> LENGTH: 33
 327 <212> TYPE: DNA
 328 <213> ORGANISM: homo sapien
 330 <400> SEQUENCE: 30
 331 gcgtgttcc agcacatagc accagggtt ggc 33
 334 <210> SEQ ID NO: 31
 335 <211> LENGTH: 34
 336 <212> TYPE: DNA
 337 <213> ORGANISM: homo sapien
 339 <400> SEQUENCE: 31
 340 ccgcaggctg acgtatgatt actgtgtatg gcc 34
 343 <210> SEQ ID NO: 32
 344 <211> LENGTH: 34
 345 <212> TYPE: DNA
 346 <213> ORGANISM: homo sapien
 348 <400> SEQUENCE: 32
 349 gggcacatca cagtaatcat acgtcagccg gccc 34
 352 <210> SEQ ID NO: 33
 353 <211> LENGTH: 25
 354 <212> TYPE: DNA
 355 <213> ORGANISM: homo sapien
 357 <400> SEQUENCE: 33
 358 cagtgtactgc atgtttggaa atggg 25
 361 <210> SEQ ID NO: 34

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 8
Seq#:14; N Pos. 4
Seq#:15; N Pos. 8
Seq#:16; N Pos. 4
Seq#:17; N Pos. 8
Seq#:18; N Pos. 4

VERIFICATION SUMMARY
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Input Set : A:\chopp.ST25.txt
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:142 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:157 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:172 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:187 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:202 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:217 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:782 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (70) SEQUENCE: